

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/908,867ADATE: 05/03/1999
TIME: 17:36:56

INPUT SET: S31691.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: YOUNG, Andrew A.
GEDULIN, Bronislava
BEELEY, Nigel Robert Arnold
PRICKETT, Kathryn S.

(ii) TITLE OF INVENTION: METHODS FOR REGULATING
GASTROINTESTINAL MOTILITY

(iii) NUMBER OF SEQUENCES: 37

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: LYON & LYON
(B) STREET: 633 WEST FIFTH STREET
(C) CITY: LOS ANGELES
(D) STATE: CALIFORNIA
(E) COUNTRY: USA
(F) ZIP: 90017

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 08/908,867
(B) FILING DATE: 08-AUGUST-1997
(C) CLASSIFICATION: Pending

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 08/694,954
(B) FILING DATE: 08-AUGUST-1996
(C) CLASSIFICATION: Pending

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: DUFT, BRADFORD J.
(B) REGISTRATION NUMBER: 32,219
(C) REFERENCE/DOCKET NUMBER: 227/166

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 619/552-2200
(B) TELEFAX: 213/955-0440

ENTERED

--> ac

--> ad

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/908,867ADATE: 05/03/1999
TIME: 17:36:56

INPUT SET: S31691.raw

47 (C) TELEX: 67-3510

48

49

50 (2) INFORMATION FOR SEQ ID NO:1:

51

52 (i) SEQUENCE CHARACTERISTICS:

53 (A) LENGTH: 39 amino acids

54 (B) TYPE: amino acid

55 (C) STRANDEDNESS: single

56 (D) TOPOLOGY: linear

57

58 (ii) MOLECULE TYPE: peptide

59

60 (ix) FEATURE:

61 (B) LOCATION: 39

62 (D) OTHER INFORMATION: amidated Ser (Serineamide)

63

64 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

65

66 His Ser Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu

67 1 5 10 15

68 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser

69 20 25 30

70 Ser Gly Ala Pro Pro Pro Ser

71 35

72

73

74 (2) INFORMATION FOR SEQ ID NO:2:

75

76 (i) SEQUENCE CHARACTERISTICS:

77 (A) LENGTH: 39 amino acids

78 (B) TYPE: amino acid

79 (C) STRANDEDNESS: single

80 (D) TOPOLOGY: linear

81

82 (ii) MOLECULE TYPE: peptide

83

84 (ix) FEATURE:

85 (B) LOCATION: 39

86 (D) OTHER INFORMATION: amidated Ser (Serineamide)

87

88 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

89

90 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu

91 1 5 10 15

92 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser

93 20 25 30

94 Ser Gly Ala Pro Pro Pro Ser

95 35

96

97

98 (2) INFORMATION FOR SEQ ID NO:3:

99

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/908,867ADATE: 05/03/1999
TIME: 17:36:57

INPUT SET: S31691.raw

100 (i) SEQUENCE CHARACTERISTICS:
101 (A) LENGTH: 30 amino acids
102 (B) TYPE: amino acid
103 (C) STRANDEDNESS: single
104 (D) TOPOLOGY: linear
105
106 (ii) MOLECULE TYPE: peptide
107
108 (ix) FEATURE:
109 (B) LOCATION: 30
110 (D) OTHER INFORMATION: amidated Arg (Arginineamide)
111
112 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
113
114 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
115 1 5 10 15
116 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
117 20 25 30
118
119
120 (2) INFORMATION FOR SEQ ID NO:4:
121
122 (i) SEQUENCE CHARACTERISTICS:
123 (A) LENGTH: 31 amino acids
124 (B) TYPE: amino acid
125 (C) STRANDEDNESS: single
126 (D) TOPOLOGY: linear
127
128 (ii) MOLECULE TYPE: peptide
129
130 (ix) FEATURE:
131 (B) LOCATION: 31
132 (D) OTHER INFORMATION: amidated Ser (Serineamide)
133
134 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
135
136 Asp Leu Ser Lys Gly Met Glu Glu Glu Ala Val Arg Leu Phe Ile Glu
137 1 5 10 15
138 Trp Leu Lys Asn Gly Gly Pro Ser Ser Gly Ala Pro Pro Pro Ser
139 20 25 30
140
141
142 (2) INFORMATION FOR SEQ ID NO:5:
143
144 (i) SEQUENCE CHARACTERISTICS:
145 (A) LENGTH: 39 amino acids
146
147 (B) TYPE: amino acid
148 (C) STRANDEDNESS: single
149 (D) TOPOLOGY: linear
150
151 (ii) MOLECULE TYPE: peptide
152

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/908,867ADATE: 05/03/1999
TIME: 17:36:57

INPUT SET: S31691.raw

153 (ix) FEATURE:
154 (B) LOCATION: 39
155 (D) OTHER INFORMATION: amidated Ser (Serineamide)
156
157 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
158
159 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
160 1 5 10 15
161 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser
162 20 25 30
163 Ser Gly Ala Pro Pro Pro Ser
164 35
165
166 (2) INFORMATION FOR SEQ ID NO:6:
167
168 (i) SEQUENCE CHARACTERISTICS:
169 (A) LENGTH: 39 amino acids
170 (B) TYPE: amino acid
171 (C) STRANDEDNESS: single
172 (D) TOPOLOGY: linear
173
174 (ii) MOLECULE TYPE: peptide
175
176 (ix) FEATURE:
177 (B) LOCATION: 39
178 (D) OTHER INFORMATION: amidated Ser (Serineamide)
179
180 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
181
182 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
183 1 5 10 15
184 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
185 20 25 30
186 Ser Gly Ala Pro Pro Pro Ser
187 35
188
189
190 (2) INFORMATION FOR SEQ ID NO:7:
191
192 (i) SEQUENCE CHARACTERISTICS:
193 (A) LENGTH: 39 amino acids
194 (B) TYPE: amino acid
195
196 (C) STRANDEDNESS: single
197 (D) TOPOLOGY: linear
198
199 (ii) MOLECULE TYPE: peptide
200
201
202
203 (ix) FEATURE:
204 (B) LOCATION: 39
205 (D) OTHER INFORMATION: amidated Ser (Serineamide)

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/908,867ADATE: 05/03/1999
TIME: 17:36:57

INPUT SET: S31691.raw

206

207

208 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

209

210 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu

211 1 5 10 15

212 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser

213 20 25 30

214 Ser Gly Ala Pro Pro Pro Ser

215 35

216

217

218 (2) INFORMATION FOR SEQ ID NO:8:

219

220 (i) SEQUENCE CHARACTERISTICS:

221 (A) LENGTH: 39 amino acids

222 (B) TYPE: amino acid

223 (C) STRANDEDNESS: single

224 (D) TOPOLOGY: linear

225

226 (ii) MOLECULE TYPE: peptide

227

228 (ix) FEATURE:

229 (B) LOCATION: 39

230 (D) OTHER INFORMATION: amidated Ser (Serineamide)

231

232 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

233

234 Tyr Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu

235 1 5 10 15

236 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser

237 20 25 30

238 Ser Gly Ala Pro Pro Pro Ser

239 35

240

241

242 (2) INFORMATION FOR SEQ ID NO:9:

243

244 (i) SEQUENCE CHARACTERISTICS:

245 (A) LENGTH: 39 amino acids

246 (B) TYPE: amino acid

247

248 (C) STRANDEDNESS: single

249 (D) TOPOLOGY: linear

250

251 (ii) MOLECULE TYPE: peptide

252

253 (ix) FEATURE:

254 (B) LOCATION: 39

255 (D) OTHER INFORMATION: amidated Tyr (Tyrosinamide)

256

257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

258

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/908,867A

DATE: 05/03/1999
TIME: 17:36:58

INPUT SET: S31691.raw

Line	Error	Original Text
32	Wrong Classification	(C) CLASSIFICATION: Pending
37	Wrong Classification	(C) CLASSIFICATION: Pending